



California State Fire Marshal
National Fire Incident Reporting System

Data as of: 03/20/2007 12:01:19PM

FDID Range:
0 to No Upper Bound

Incident Date Range:
01/01/2003 to 12/31/2006

Incident Type:
111 to 123

Detection System Non-Operation, 2003-2006

<u>Incident Year</u>	<u>Detector Failure Reason</u>	<u>Detector Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
2003									
	Battery discharged or dead								
		Smoke	67	\$655,025	\$230,275	0	0	3	0
		Subtotal	67	\$655,025	\$230,275	0	0	3	0
	Battery missing or disconnected								
		Combination smoke - heat	3	\$40,100	\$50	0	0	0	0
		Heat	1	\$7,500	\$300	0	0	0	0
		More than 1 type present	1	\$0	\$0	0	0	0	0
		Smoke	145	\$1,951,300	\$631,010	4	0	10	5
		Undetermined	5	\$56,100	\$12,350	0	0	0	0
		Subtotal	155	\$2,055,000	\$643,710	4	0	10	5
	Defective								
		Combination smoke - heat	1	\$0	\$1,500	0	0	1	0
		Other	1	\$0	\$0	0	0	0	0
		Smoke	10	\$12,000	\$2,500	1	0	0	1
		Subtotal	12	\$12,000	\$4,000	1	0	1	1
	Hardwired power failure, shut-off or disconnect								
		Combination smoke - heat	3	\$0	\$0	0	0	0	0
		Other	1	\$0	\$0	0	0	0	0
		Smoke	17	\$124,000	\$62,400	0	0	0	0
		Subtotal	21	\$124,000	\$62,400	0	0	0	0
	Improper installation or placement								
		Combination smoke - heat	1	\$1,000	\$0	0	0	0	0
		Other	1	\$0	\$0	1	0	0	0
		Smoke	6	\$7,000	\$750	0	0	0	0

Detection System Non-Operation, 2003-2006

<u>Incident Year</u>	<u>Detector Failure Reason</u>	<u>Detector Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>	
2003			Subtotal	8	\$8,000	\$750	1	0	0	0
	Lack of cleaning									
		Other		1	\$0	\$0	0	0	0	0
		Smoke		21	\$42,550	\$4,150	0	0	0	0
		Undetermined		2	\$100,000	\$5,000	0	0	0	0
		Subtotal		24	\$142,550	\$9,150	0	0	0	0
	Other									
		Combination smoke - heat		3	\$0	\$1,041	0	0	1	0
		More than 1 type present		1	\$5,000	\$2,000	0	0	0	0
		Other		1	\$1,000	\$1,000	0	0	1	0
		Smoke		10	\$523,200	\$159,100	0	0	1	0
		Undetermined		2	\$3,000	\$7,000	0	0	0	0
		Subtotal		17	\$532,200	\$170,141	0	0	3	0
	Undetermined									
		Combination smoke - heat		1	\$0	\$1,000	0	0	0	0
		Heat		1	\$500	\$0	0	0	0	0
		More than 1 type present		2	\$45,000	\$20,100	0	0	0	0
		Other		1	\$0	\$0	0	0	0	0
		Smoke		103	\$1,835,650	\$594,500	2	0	14	3
		Sprinkler, water flow detection		1	\$0	\$22,500	0	0	0	0
		Undetermined		26	\$736,292	\$227,100	4	0	3	0
		Subtotal		135	\$2,617,442	\$865,200	6	0	17	3
		Total		439	\$6,146,217	\$1,985,626	12	0	34	9
2004										
	Battery discharged or dead									
	Combination smoke - heat		1	\$5,000	\$100	0	0	0	0	
	Smoke		91	\$528,550	\$213,195	0	0	3	0	
	Undetermined		3	\$33,000	\$5,000	0	0	0	0	
	Subtotal		95	\$566,550	\$218,295	0	0	3	0	
	Battery missing or disconnected									
	Combination smoke - heat		1	\$0	\$0	0	0	0	0	
	Smoke		180	\$2,859,060	\$763,135	2	0	13	1	
	Undetermined		7	\$107,000	\$45,150	0	0	0	0	

Detection System Non-Operation, 2003-2006

<u>Incident Year</u>	<u>Detector Failure Reason</u>	<u>Detector Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
		Subtotal	188	\$2,966,060	\$808,285	2	0	13	1
	Defective								
		Combination smoke - heat	1	\$800	\$800	0	0	0	0
		Heat	1	\$30,000	\$30,000	0	0	0	0
		Smoke	10	\$34,200	\$10,750	0	0	0	1
		Subtotal	12	\$65,000	\$41,550	0	0	0	1
	Hardwired power failure, shut-off or disconnect								
		Heat	1	\$0	\$0	0	0	0	0
		More than 1 type present	5	\$2,100	\$1,100	0	0	0	0
		Smoke	16	\$89,500	\$20,400	0	0	1	0
		Sprinkler, water flow detection	3	\$2,005,500	\$101,000	0	0	0	0
		Subtotal	25	\$2,097,100	\$122,500	0	0	1	0
	Improper installation or placement								
		Smoke	8	\$43,300	\$6,600	0	0	0	0
		Subtotal	8	\$43,300	\$6,600	0	0	0	0
	Lack of cleaning								
		Smoke	22	\$444,700	\$64,281	0	0	0	0
		Sprinkler, water flow detection	1	\$20,000	\$10,000	0	0	0	0
		Undetermined	1	\$30,000	\$30,000	0	0	2	0
		Subtotal	24	\$494,700	\$104,281	0	0	2	0
	Other								
		Combination smoke - heat	1	\$210,000	\$50,000	0	0	0	0
		Smoke	26	\$734,800	\$312,850	0	0	1	0
		Undetermined	7	\$23,000	\$19,300	0	0	0	0
		Subtotal	34	\$967,800	\$382,150	0	0	1	0
	Undetermined								
		Combination smoke - heat	6	\$23,500	\$250	0	0	0	0
		Heat	2	\$7,000	\$1,000	0	0	0	0
		More than 1 type present	4	\$120,200	\$20,400	0	0	0	0
		Other	1	\$50,000	\$10,000	0	0	0	0
		Smoke	143	\$3,137,571	\$1,482,526	11	0	17	3
		Sprinkler, water flow detection	4	\$0	\$0	0	0	0	0
		Undetermined	19	\$369,500	\$47,251	0	0	1	0
		Subtotal	179	\$3,707,771	\$1,561,427	11	0	18	3

Detection System Non-Operation, 2003-2006

<u>Incident Year</u>	<u>Detector Failure Reason</u>	<u>Detector Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
2004	Total		565	\$10,908,281	\$3,245,088	13	0	38	5
2005									
	Battery discharged or dead								
		Combination smoke - heat	1	\$7,000	\$500	0	0	0	0
		Heat	1	\$15,000	\$10,000	0	0	0	0
		More than 1 type present	1	\$5,000	\$3,500	0	0	0	0
		Other	1	\$0	\$0	0	0	0	0
		Smoke	79	\$1,133,251	\$314,256	0	0	3	0
		Undetermined	3	\$1,000	\$75	0	0	0	0
		Subtotal	86	\$1,161,251	\$328,331	0	0	3	0
	Battery missing or disconnected								
		Combination smoke - heat	1	\$7,500	\$2,000	0	0	0	0
		More than 1 type present	2	\$2,500	\$1,050	0	0	0	0
		Other	2	\$0	\$0	0	0	0	1
		Smoke	217	\$4,319,852	\$1,070,766	5	0	17	2
		Undetermined	7	\$164,600	\$26,250	0	0	0	0
		Subtotal	229	\$4,494,452	\$1,100,066	5	0	17	3
	Defective								
		Smoke	22	\$100,560	\$37,066	0	0	1	0
		Subtotal	22	\$100,560	\$37,066	0	0	1	0
	Hardwired power failure, shut-off or disconnect								
		Combination smoke - heat	3	\$430,000	\$4,500	0	0	0	0
		Heat	1	\$50,000	\$100,000	0	0	0	0
		Smoke	28	\$327,550	\$136,675	0	0	1	1
		Undetermined	2	\$3,100	\$8,000	0	0	0	0
		Subtotal	34	\$810,650	\$249,175	0	0	1	1
	Improper installation or placement								
		Smoke	10	\$173,500	\$79,600	0	0	1	0
		Subtotal	10	\$173,500	\$79,600	0	0	1	0
	Lack of cleaning								
		Heat	2	\$1,000	\$1,000	0	0	0	0
		More than 1 type present	1	\$0	\$0	0	0	0	0
		Smoke	19	\$305,400	\$88,660	0	0	1	0

Detection System Non-Operation, 2003-2006

<u>Incident Year</u>	<u>Detector Failure Reason</u>	<u>Detector Type</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
2005		Sprinkler, water flow detection	1	\$10,000	\$2,000	0	0	0	0
		Undetermined	2	\$275,000	\$70,000	1	0	1	0
		Subtotal	25	\$591,400	\$161,660	1	0	2	0
	Other	Combination smoke - heat	1	\$0	\$0	0	0	0	0
		Heat	1	\$0	\$1,000	0	0	0	0
		More than 1 type present	1	\$80,000	\$20,000	0	0	0	0
		Other	1	\$300,000	\$15,000	0	0	0	0
		Smoke	27	\$426,225	\$385,720	0	0	2	0
		Undetermined	4	\$500,000	\$2,500,000	0	0	0	0
		Subtotal	35	\$1,306,225	\$2,921,720	0	0	2	0
	Undetermined	Combination smoke - heat	3	\$20,200	\$3,300	0	0	0	0
		Heat	7	\$167,300	\$20,100	0	0	0	0
		More than 1 type present	2	\$50	\$0	0	0	0	0
		Other	4	\$75,500	\$15,001	0	0	0	0
		Smoke	177	\$5,095,300	\$1,644,471	5	0	19	0
		Sprinkler, water flow detection	6	\$98,500	\$151,500	0	0	0	0
		Undetermined	29	\$1,139,450	\$507,700	0	0	2	1
		Subtotal	228	\$6,596,300	\$2,342,072	5	0	21	1
	Total		669	\$15,234,338	\$7,219,690	11	0	48	5
2006	Battery discharged or dead	Combination smoke - heat	1	\$150,000	\$50,000	0	0	0	0
		Smoke	65	\$942,051	\$151,821	2	0	1	0
		Undetermined	3	\$223,000	\$55,000	0	0	0	0
		Subtotal	69	\$1,315,051	\$256,821	2	0	1	0
	Battery missing or disconnected	Heat	2	\$12,000	\$16,000	0	0	0	0
		More than 1 type present	1	\$0	\$750	0	0	0	0
		Other	2	\$25,000	\$5,100	0	0	1	0
		Smoke	116	\$3,323,436	\$817,304	0	0	6	2
		Undetermined	5	\$77,500	\$39,300	0	0	0	0
		Subtotal	126	\$3,437,936	\$878,454	0	0	7	2

Detection System Non-Operation, 2003-2006

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Defective									
		More than 1 type present	1	\$100	\$50	0	0	0	0
		Smoke	15	\$20,405	\$3,190	0	0	4	0
		Subtotal	16	\$20,505	\$3,240	0	0	4	0
Hardwired power failure, shut-off or disconnect									
		Combination smoke - heat	3	\$9,000	\$1,500	0	0	0	0
		Heat	2	\$300,000	\$20,000	0	0	0	0
		More than 1 type present	1	\$2,000	\$1,000	0	0	0	0
		Smoke	21	\$1,599,500	\$134,801	2	0	2	0
		Undetermined	3	\$250,000	\$35,000	0	0	0	0
		Subtotal	30	\$2,160,500	\$192,301	2	0	2	0
Improper installation or placement									
		More than 1 type present	1	\$0	\$6,000	0	0	0	0
		Smoke	10	\$467,000	\$138,651	0	0	1	0
		Subtotal	11	\$467,000	\$144,651	0	0	1	0
Lack of cleaning									
		Smoke	16	\$53,201	\$19,000	0	0	1	0
		Undetermined	3	\$20,001	\$20,500	0	0	0	0
		Subtotal	19	\$73,202	\$39,500	0	0	1	0
Other									
		Combination smoke - heat	1	\$200	\$500	0	0	0	0
		Smoke	13	\$533,001	\$23,751	1	0	1	1
		Undetermined	2	\$5,200	\$0	0	0	0	0
		Subtotal	16	\$538,401	\$24,251	1	0	1	1
Undetermined									
		Combination smoke - heat	5	\$153,500	\$400,500	0	0	1	0
		Heat	2	\$160,375	\$40,250	0	0	0	0
		More than 1 type present	4	\$3,550	\$3,101	0	0	0	0
		Other	1	\$1,000	\$0	0	0	0	0
		Smoke	147	\$4,238,550	\$1,238,998	1	0	11	0
		Sprinkler, water flow detection	1	\$60,000	\$20,000	0	0	0	0
		Undetermined	21	\$932,400	\$218,700	0	0	1	0
		Subtotal	181	\$5,549,375	\$1,921,549	1	0	13	0

Detection System Non-Operation, 2003-2006

2006	Total	468	\$13,561,970	\$3,460,767	6	0	30	3
	Grand Total	2,141	\$45,850,806	\$15,911,171	42	0	150	22

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.

Detection System Non-Operation, 2003-2006

Parameters:

FDID Range: 0 to No Upper Bound

Incident Date Range: 01/01/2003 to 12/31/2006

Incident Type: 111 to 123

Selection Criteria:

{INCIDENTKEY.FDID}={?FDIDrange} and
{INCIDENTKEY.IN_STATUS}='V' and
{INCIDENTKEY.IN_DATE}={?IncidentDateRange} and

{IN_BASIC.IN_TYPE}={?IncidentType}
and {FIRE_STRUCTURE.STR_DETECTPRESENCE}= '1'
and {FIRE_STRUCTURE.STR_DETECTOPER}='3'